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7 November 1974

MEMORANDUM FOR: Director, OJCS

SUBJECT : Recommendation for Installation of two
Xerox 1200 Computer Printing Systems

REFERENCE : OJCS/OD Memo "Feasibility Study for Xerox
1200 Computer Printing System", dated
21 March 1974

Background

1. The proposal of the referenced memo was approved and a Xerox 1200 System was installed on 19 September 1974 and began operation on 10 October, see attachment A "Xerox 1200 Status Report".

2. OD personnel have been involved in the testing of this system. The test consisted of jobs which were formerly reproduced on the Xerox CFP (Computer Forms Printer).

3. At this time there is no reason to believe that the 1200 will not perform as stated and offers many advantages to the producers and users of printed computer output.

Comparisons

1. The foremost consideration is that the Xerox 1200 produces finished copy far superior to the CFP and in most cases superior to the on-line printer. It is more readable, economical, and easier to store. In general, the 1200 will produce more copies faster and more economically than either the CFP or the line-printer.

2. Attachment B is copies made by the CFP. These copies can be no better than the original copy. If a poor ribbon is used, then the quality of the end product suffers.

3. Attachment C is copies produced by the Xerox 1200. The quality is uniform and much easier reading. The 1200 is also easier to operate.

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Costs

1. There are several ways to compare the costs of the CFP and the 1200. The one chosen here does not take into account all of the possible savings such as manpower, on-line printers, and computer costs for producing the first copy on paper for the CFP vs a tape for the 1200. I have reduced the cost comparison to the simplest possible terms, replacing three CFP's with two 1200's.

2. Following are the basic costs for a three for two swap.

3 - CFP's

\$1,150 per month each
3,450 total
(this includes
399,000 copies)

2 - 1200's

\$1,500 per month each
3,000 total rent
2,200 for first 200,000 copies
\$5,200 overall total

3. In addition we would free up one Hetra RJE in GA19 purchased at \$28,895.

Other Considerations

1. Security - The placement of one 1200 in GC47 and another in GA19 would provide for adequate security for sensitive jobs and protect the proprietary information entrusted to the two computer centers. This is particularly significant because OJCS would have complete control from input to delivering a finished product to OJCS customers.

2. Backup - OJCS would have complete backup under its control at all times. This is important because this may be needed "after normal" hours or on weekends when a bulk of our cutoffs occur.

3. Responsibility - Complete capability to service customers would remain in OJCS control. Large, bulk, low priority and less sensitive jobs would still be directed to PSD.

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Recommendation

I request your approval to proceed with the planning, site preparation and acquisition of two Xerox 1200's to replace the three CFP's. One 1200 to be installed in GC47 and another in GA19. Adequate space, electricity and air conditioning are available in both areas.

25X1A



Chief, Operations Division

Attachments: A - Xerox 1200 Status Report
B - Sample CFP Output
C - Sample 1200 Output

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